



Brain and Other Central Nervous System (CNS) Cancer

A Fact Sheet from the North Carolina Central Cancer Registry, State Center for Health Statistics

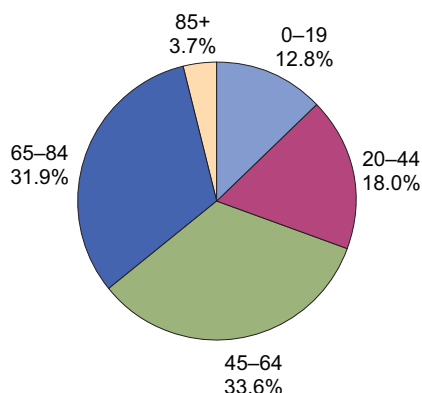
June 2011

Cancer of the brain and other central nervous system (CNS) excluding benign cases, was the 15th most frequently occurring and the 11th leading cause of cancer death in North Carolina from 2004 to 2008. It is anticipated that 670 people (367 males and 303 females) in North Carolina will be diagnosed with and 413 people (230 males and 183 females) will die of cancer of the brain and other CNS in 2011.

Incidence

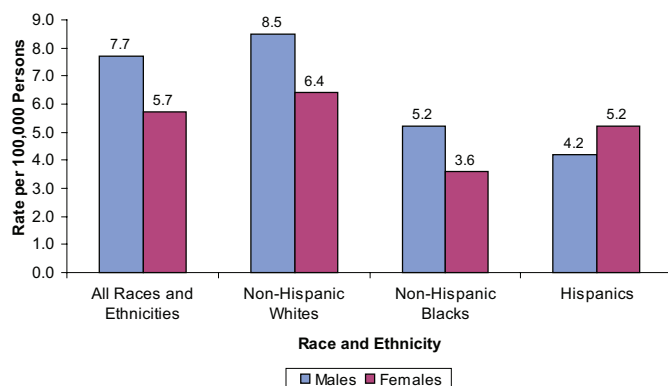
The percentage of cases of brain and other CNS cancer from 2004 to 2008 is displayed by age group in Figure 1. More than 12 percent of brain and other CNS cancer was diagnosed in people ages 0 to 19. In fact, more than 10 percent was diagnosed in children ages 0 to 14.

Figure 1.
2004–2008 Percent of Brain and Other CNS Cancer Cases by Age Group



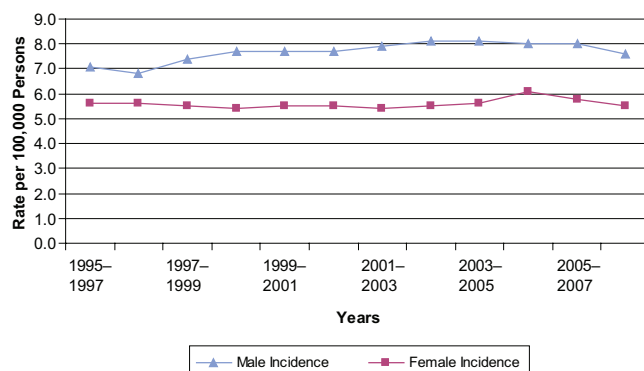
Between 2004 and 2008, the age-adjusted incidence rate for brain and other CNS cancer in North Carolina was 6.6 per 100,000 persons per year (Figure 2). In all non-Hispanic races, men are more likely to be diagnosed with brain and other CNS cancer than women.

Figure 2.
2004–2008 Brain and Other CNS Cancer Incidence Rates by Race, Ethnicity, and Gender



From 1995 to 2008, brain and other CNS cancer incidence rates have remained fairly stable for both men and women (Figure 3).

Figure 3.
1995–2008 Brain and Other CNS Cancer Incidence Trends by Gender



State of North Carolina | Beverly Eaves Perdue, Governor | www.ncgov.com
 Department of Health and Human Services | Lanier M. Cansler, Secretary | www.ncdhhs.gov
 North Carolina Division of Public Health | Jeffrey P. Engel, State Health Director | www.publichealth.nc.gov
 State Center for Health Statistics | Karen L. Knight, Director | www.schs.state.nc.us/SCHS

North Carolina DHHS is an equal opportunity employer and provider.

